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jc962 U.S. PTO

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. H1799-00071

First Inventor PETER DUSSINGER

Title INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

Express Mail Label No. EI901223587US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 15]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. SMALL ENTITY STATEMENT
17. ☒ Other: CHECK

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: 09 / 310,397

Prior application information:

Examiner C. ATKINSON

Group Art Unit: 3743

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

08933

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name SAMUEL W. APICELLI

Address DUANE, MORRIS & HECKSCHER LLP  
305 NORTH FRONT STREET, P.O. BOX 1003

City HARRISBURG State PA Zip Code 17108-1003

Country US Telephone 717-237-5516 Fax 717-234-4015

Name (Print/Type) SAMUEL W. APICELLI Registration No. (Attorney/Agent) 36,427

Signature *Samuel W. Apicelli* Date 5/9/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

05/09/01 "050901"

09/852322

05/09/01

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 515

## Complete if Known

Application Number	NOT YET KNOWN
Filing Date	HEREWITH
First Named Inventor	PETER DUSSINGER
Examiner Name	ATKINSON, C.
Group Art Unit	3743
Attorney Docket No.	H1799-00071

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 04-1679
- Deposit Account Name: DUANEMORRIS&HECKSCHER LLP
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

101 710 201 355 Utility filing fee

106 320 206 160 Design filing fee

107 490 207 245 Plant filing fee

108 710 208 355 Reissue filing fee

114 150 214 75 Provisional filing fee

Fee Paid

355

SUBTOTAL (1) (\$ ) 355

### 2. EXTRA CLAIM FEES

Total Claims: 15 -20\*\* = 0 X 0 = 0

Independent Claims: 7 -3\*\* = 4 X 40 = 160

Multiple Dependent: =

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 80 202 40 Independent claims in excess of 3

104 270 204 135 Multiple dependent claim, if not paid

109 80 209 40 \*\* Reissue independent claims over original patent

110 18 210 9 \*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 160

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity (\$)	Fee Code	Small Entity (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type) SAMUEL W. APICELLI

Signature Samuel W. Apicelli

Registration No. 36,427  
(Attorney/Agent)

## Complete (if applicable)

Telephone 717-237-5516

Date 5/9/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dussinger et al.

Serial No.: Not yet known

Filing Date: Herewith

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

CERTIFICATE OF EXPRESS MAIL

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby certify that this document, namely the above-identified **Utility Patent Application** is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

"Express Mail" mailing label number EI901223587US

Date of Deposit 05/09/2001.

Respectfully submitted,



Samuel W. Apicelli, Esq.  
Registration No. 36427  
Customer Number 08933  
Duane, Morris & Heckscher LLP  
305 North Front Street, P.O. Box 1003  
Harrisburg, PA 17108-1003  
Telephone: (717) 237-5516

Date: 05/09/2001

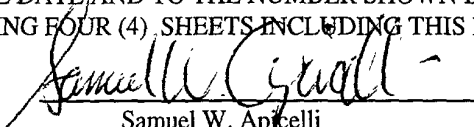
Docket No: H1799-00071  
HBG\75338.1

098523 05001  
T06050 "2225860

CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. 1.6 & 1.8

I CERTIFY THAT THIS CORRESPONDENCE IS BEING TRANSMITTED BY FACSIMILE TO THE PATENT  
AND TRADEMARK OFFICE ON THE DATE AND TO THE NUMBER SHOWN BELOW.  
FAX. NO. 703-308-7764 COMPRISING FOUR (4) SHEETS INCLUDING THIS PAGE.

Date: November 3, 2000

  
Samuel W. Apicelli  
Reg. No. 36,427

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dussinger et al.

Serial No: 09/310,397

Examiner: Atkinson, C.

Filed: 05/12/1999

Group Art Unit: 3743

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH  
MOUNTING HOLES

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

Please find enclosed for filing:

- ☒ Power of Attorney and Change of Correspondence
- ☒ Statement Under 37 CFR 3.73(b)
- ☒ If any fees are required, please debit the same from

Deposit Account No. 04-1679. This Transmittal Letter is submitted in duplicate.

Date: 11/3/00

Respectfully submitted,

  
Samuel W. Apicelli

Registration No.: 36,427

Customer Number 08933

DUANE, MORRIS & HECKSCHER, LLP

305 North Front Street, P.O. Box 1003

Harrisburg, PA 17108-1003

(717) 237-5516

Attorney Docket No.: H1799-00025

Attorney's Docket No. \_\_\_\_\_  
Martin Fruitman  
419 N. George St.  
Millersville, PA 17551

COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Peter M. Dussinger et al

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER  
WITH THROUGH MOUNTING HOLES

Enclosed are:

[X] \_\_\_\_\_ 3 \_\_\_\_\_ sheets of drawing

[X] An assignment of the invention to Thermal Corp.

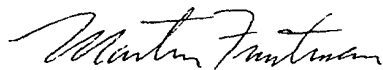
[X] A verified statement to establish small entity status under  
37 C.F.R. 1.9 and 37 C.F.R. 1.27.

The filing fee has been calculated as shown below:

(Col. 1) (Col. 2) SMALL ENTITY				OTHER THAN SMALL ENTITY			
		NO.					
FOR:	NO. FILED	EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE	*****	*****	****	\$380	OR	****	\$760
TOTAL CLMS	7-20=	0	x9	\$ 0	OR	x18	\$
INDEP.CLMS	2-3=	0	x39	\$ 0	OR	x78	\$
[ ] MULTIPLE INDEPENDENT CLAIMS			x	\$ 0	OR	x	\$
TOTAL				\$380	TOTAL		\$

[X] A check in the amount of \$380.00 to cover the filing  
fee is enclosed.

[X] A second check in the amount of \$ 40.00 to cover the  
fee for recording of the assignment is enclosed.  
A duplicate copy of this sheet is enclosed.

  
Martin Fruitman  
Attorney of Record  
Reg. No. 26,890